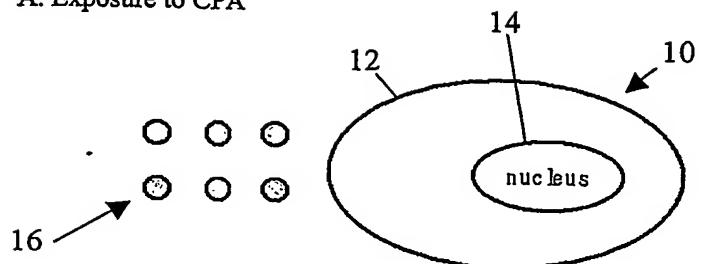
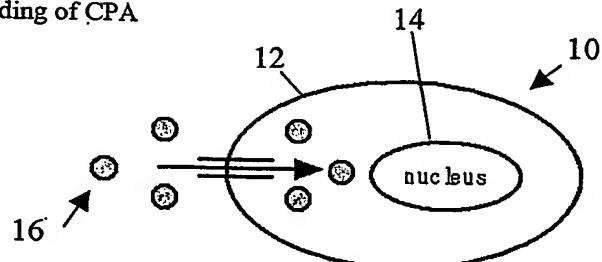


Sheet 1 of 9

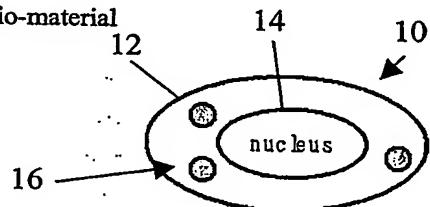
## A. Exposure to CPA



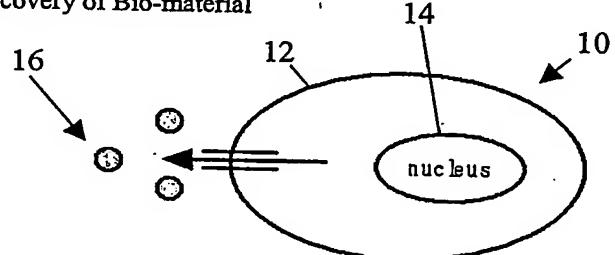
## B. Loading of CPA



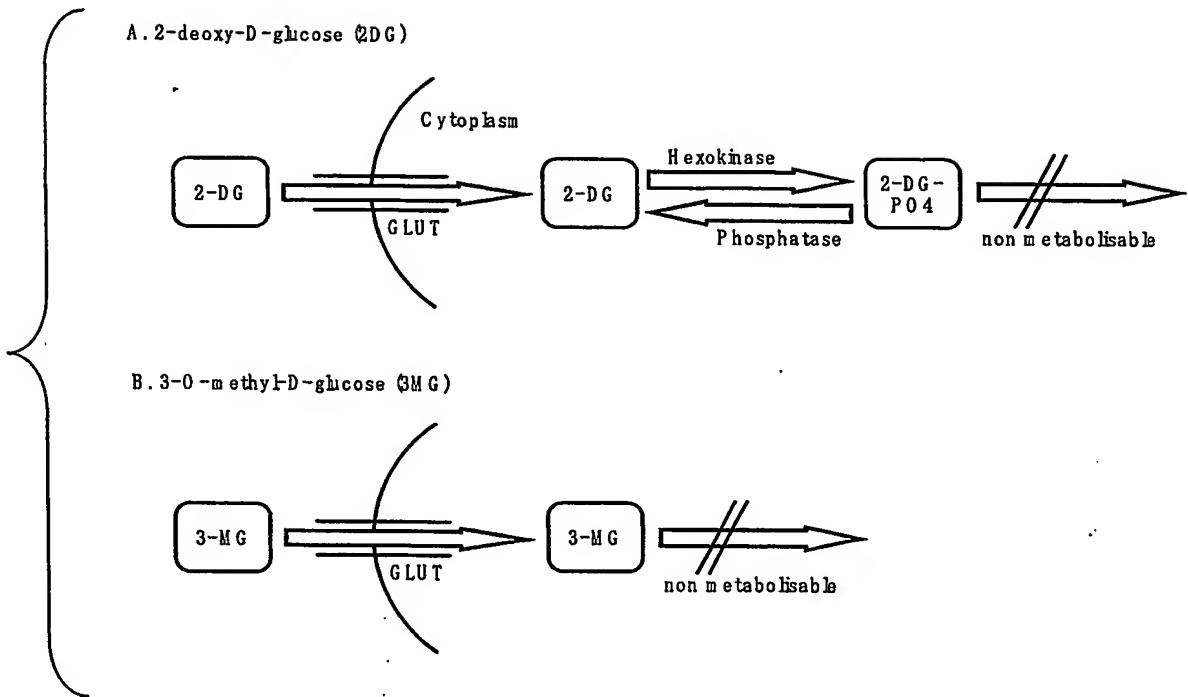
## C. Preservation of Bio-material

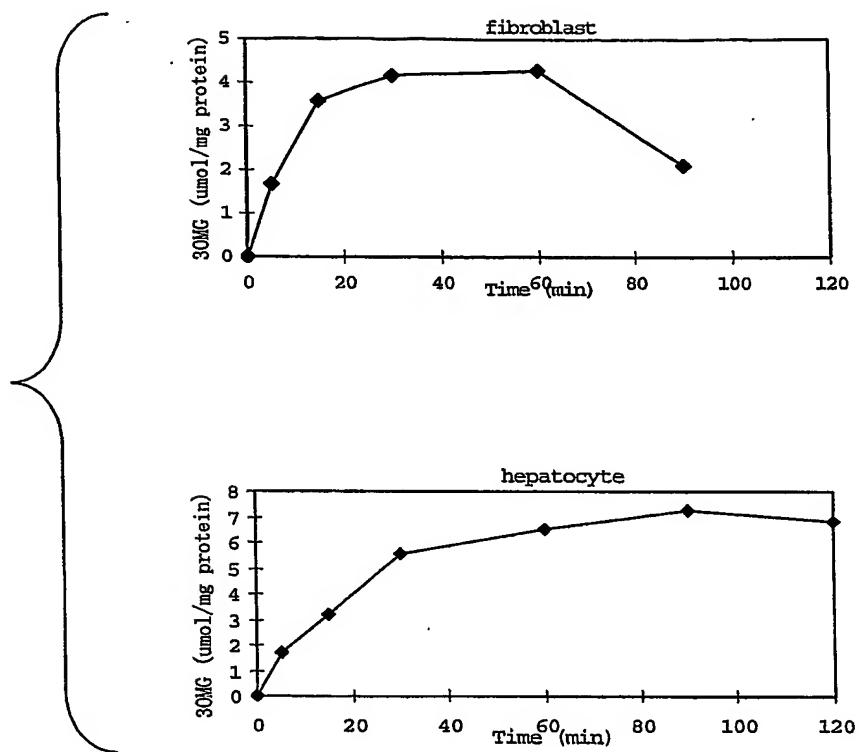


## D. Recovery of Bio-material

**FIGURE 1****BEST AVAILABLE COPY**

Sheet 2 of 9

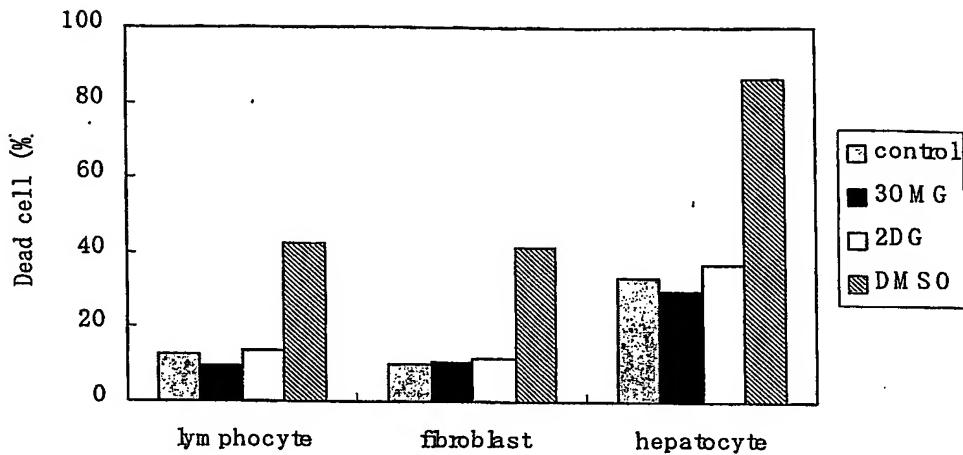
**FIGURE 2**

*Sheet 3 of 9*

Concentration of intracellular 3OMG measured using radiolabeled 3OMG

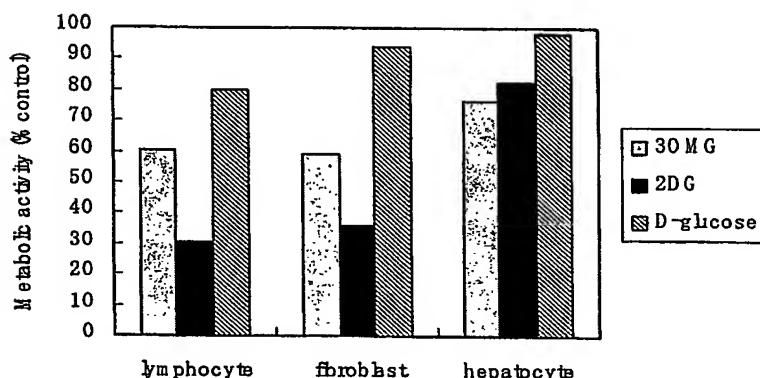
**FIGURE 3**

*Sheet 4 of 9*



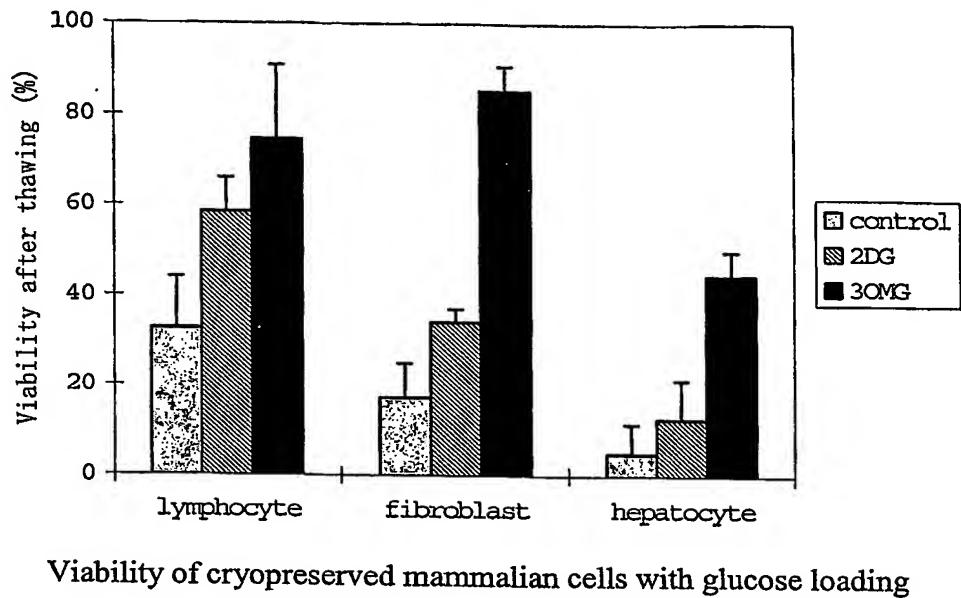
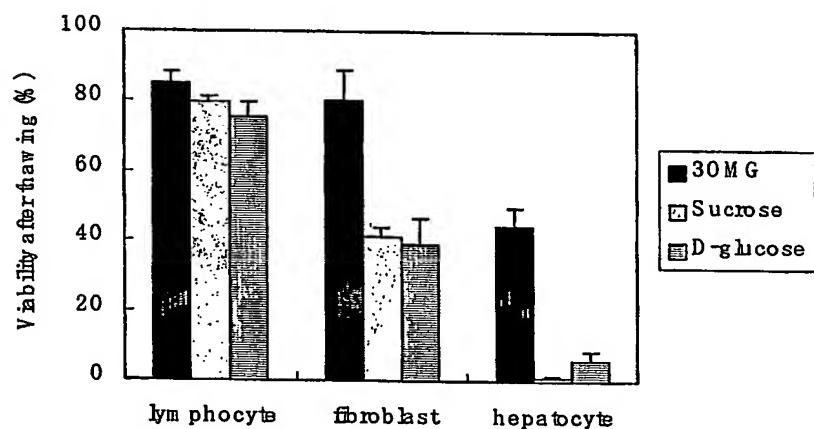
Percentage of dead cells after loading glucoses or DMSO

**FIGURE 4**



Metabolic activity was assessed measuring the MTT reduction activity

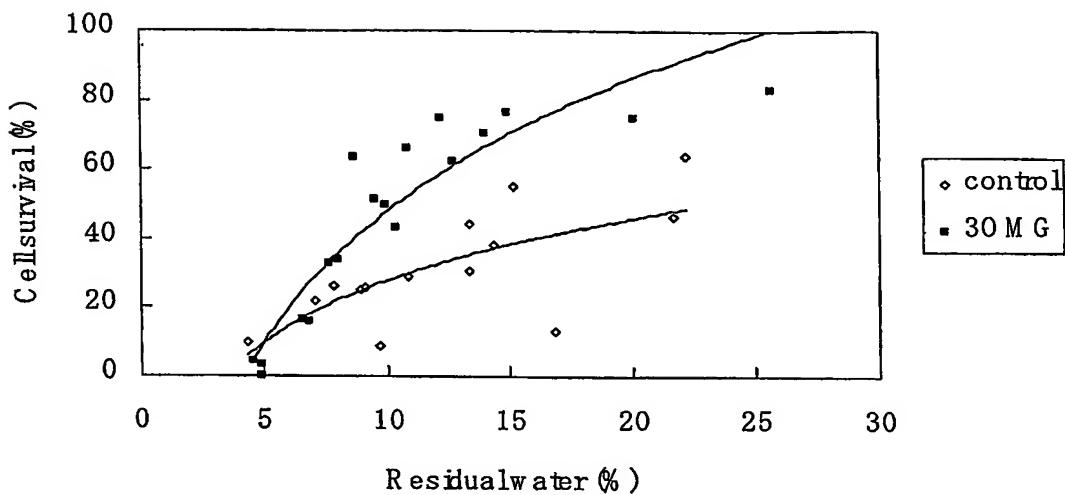
**FIGURE 5**

*Sheet 5 of 9***FIGURE 6**

Viability of cryopreserved mammalian cells preserved using different agents

**FIGURE 7**

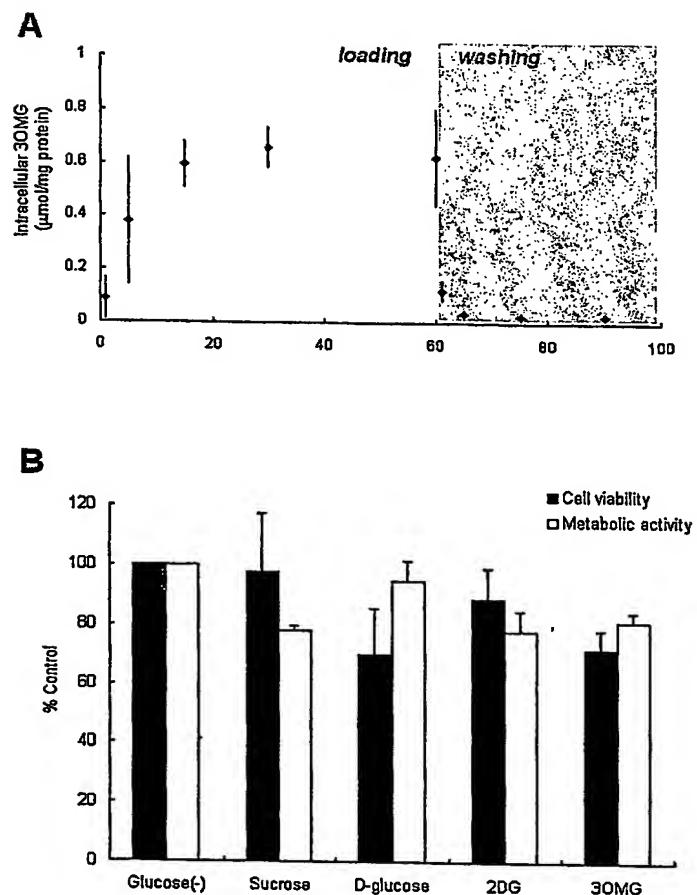
*Sheet 6 of 9*



Cell survival as a function of residual water in the sample after drying with or without 30MG loading

**FIGURE 8**

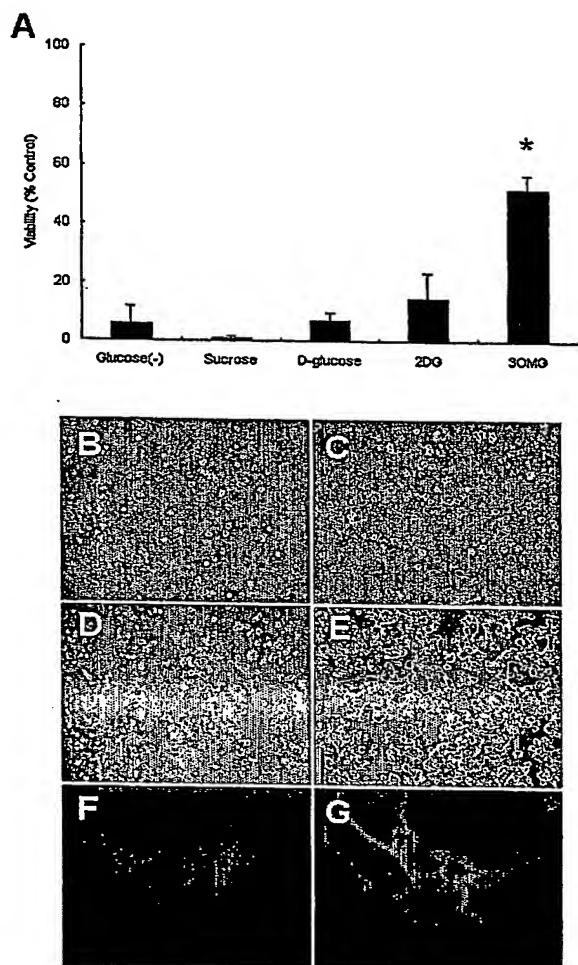
Sheet 7 of 9



Kinetics of 3OMG uptake and efflux on hepatocytes and effects on viability and metabolic activity

**FIGURE 9**

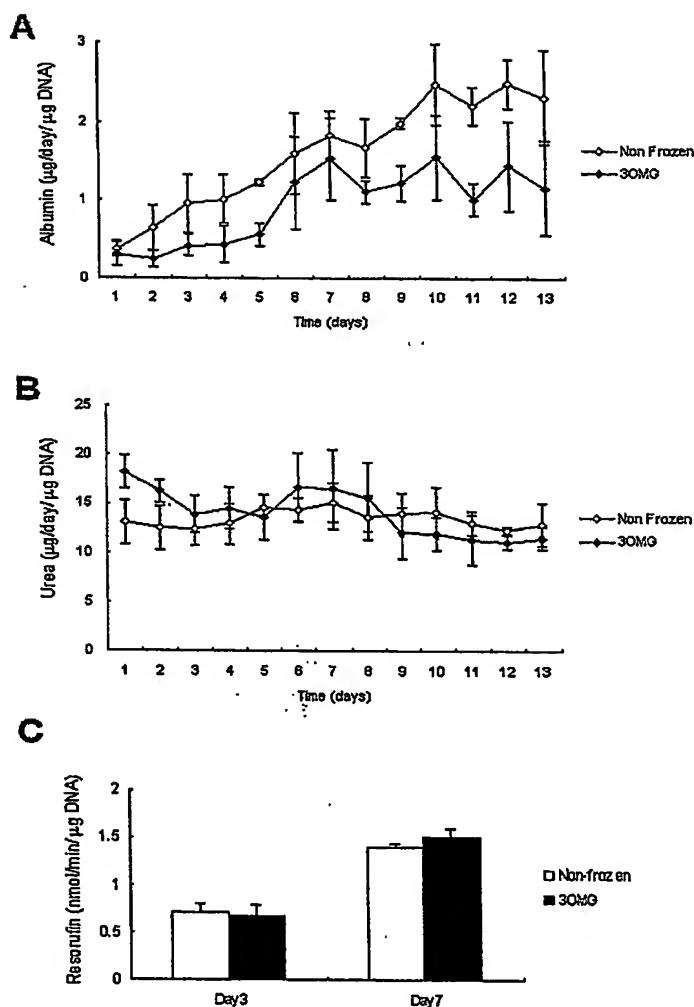
*Sheet 8 of 9*



Post-thaw viability of cryopreserved hepatocytes

**FIGURE 10**

Sheet 9 of 9



Albumin production, urea production, and cytochrome P450 activity of treated hepatocytes

**FIGURE 11**

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